ELSEVIER

Engineering Geology 51 (1999) 323–324

ENGINEERING GEOLOGY

Author Index Volume 51

Abduljauwad, S.N., see Azam, S. (51) 89
Al-Amoudi, O.S.B., see Azam, S. (51) 89
Al-Shayea, N.A., see Azam, S. (51) 89
Alcoverro, J., Corominas, J. and Gómez, M.
The Barranco de Arás flood of 7 August 1996 (Biescas, Central Pyrenees, Spain) (51) 237
Au, S.W.C.
Rain-induced slope instability in Hong Kong (51) 1
Azam, S., Abduljauwad, S.N., Al-Shayea, N.A. and Al-Amoudi, O.S.B.
Expansive characteristics of gypsiferous/anhydritic soil formations (51) 89

Benson, A.K. and Hash, S.T.
Integrated three-dimensional interpretation of major concealed faults beneath Mapleton, Utah County, Utah using gravity data, supported with magnetic data (51) 109
Buergi, C., Parriaux, A., Franciosi, G. and Rey, J.-P.
Cataclastic rocks in underground structures—terminology and impact on the feasibility of projects (initial results) (51) 225

Chen, D.
Engineering geological problems in the Three Gorges Project on the Yangtze, China (51) 183
Corominas, J., see Alcoverro, J. (51) 237

Drakatos, G., Papanastassiou, D., Papadopoulos, G., Skafida, H. and Stavrakakis, G.
Relationship between the 13 May 1995 Kozani–Grevena (NW Greece) earthquake and the Polyphyto artificial lake (51) 65

Ertunç, A.
The geological problems of the large dams constructed on the Euphrates River (Turkey) (51) 167
Escandon, R.F., see Stirbys, A.F. (51) 203

Feda, J.
Fragmentary clay — a difficult waste material (51) 77
Franciosi, G., see Buergi, C. (51) 225
Fuchu, D., Lee, C.F. and Sijing, W.
Analysis of rainstorm-induced slide-debris flows on natural terrain of Lantau Island, Hong Kong (51) 279

Gómez, M., see Alcoverro, J. (51) 237
Gurung, N. and Iwao, Y.
Observations of deformation and engineering geology in the Lam Ta Khong tunnel, Thailand (51) 55

Hash, S.T., see Benson, A.K. (51) 109
Hayati, G., see Livneh, M. (51) 131
Higgins, D.D., see Wild, S. (51) 37, (51) 257

Iwao, Y., see Gurung, N. (51) 55

Jones, G.I., see Wild, S. (51) 37, (51) 257

Kinuthia, J.M., see Wild, S. (51) 37, (51) 257

Lee, C.F., see Fuchu, D. (51) 279
Lee, J.-Y., see Miller, C.J. (51) 291
Livneh, M., Livneh, N.A. and Hayati, G.
Site investigation of sub-soil with gypsum lenses for runway construction in an arid zone in Southern Israel (51) 131
Livneh, N.A., see Livneh, M. (51) 131

Ma, C., see Wang, L. (51) 153
Miller, C.J. and Lee, J.-Y.
Response of landfill clay liners to extended periods of freezing (51) 291

Papadopoulos, G., see Drakatos, G. (51) 65
Papanastassiou, D., see Drakatos, G. (51) 65
Parriaux, A., see Buergi, C. (51) 225
Proctor, R.J., see Stirbys, A.F. (51) 203

Radwanski, Z.R., see Stirbys, A.F. (51) 203
Rey, J.-P., see Buergi, C. (51) 225

Sijing, W., see Fuchu, D. (51) 279
Skafida, H., see Drakatos, G. (51) 65
Stavrakakis, G., see Drakatos, G. (51) 65
Stirbys, A.F., Radwanski, Z.R., Proctor, R.J. and Escandon, R.F.
Los Angeles metro rail project – geologic and geotechnical design and construction constraints (51) 203

Tuğrul, A. and Zarif, I.H.
Correlation of mineralogical and textural characteristics with engineering properties of selected granitic rocks from Turkey (51) 303

Wang, L. and Ma, C.
A study on the environmental geology of the Middle Route Project of the South–North water transfer (51) 153

0013-7952/99/$ – see front matter © 1999 Elsevier Science B.V. All rights reserved.
PII: S0013-7952(99)00018-6

Wang, Y. and Zhou, L.
Spatial distribution and mechanism of geological hazards along the oil pipeline planned in western China (51) 195
Wild, S., Kinuthia, J.M., Jones, G.I. and Higgins, D.D.
Suppression of swelling associated with ettringite formation in lime stabilized sulphate bearing clay soils by partial substitution of lime with ground granulated blastfurnace slag (51) 257
Wild, S., Kinuthia, J.M., Jones, G.I. and Higgins, D.D.
Effects of partial substitution of lime with ground granulated blast furnace slag (GGBS) on the strength properties of lime-stabilised sulphate-bearing clay soils (51) 37

Zarif, I.H., see Tuğrul, A. (51) 303
Zhou, L., see Wang, Y. (51) 195

ELSEVIER

Engineering Geology 51 (1999) 325–326

ENGINEERING GEOLOGY

Subject Index Volume 51

Abandoned oil well casings, (51) 203
Advantages and disadvantages, (51) 153
Alluvial fan, (51) 237
Arid region, (51) 131

Calcium sulphate, (51) 89
Cataclastic fault rocks, (51) 225
Central Pyrenees, (51) 237
Check dams, (51) 237
Chemical and compaction grouting, (51) 203
Classification, (51) 225
Clay soils, (51) 37
Collapse, (51) 77
Collapsibility of loess, (51) 195
Colluvium, (51) 279
Compressive strength, (51) 37
Contaminated groundwater, (51) 203
Convergence, (51) 55

Dam, (51) 167
Debris flows, (51) 279
Deformation, (51) 55
Diffusion, (51) 77
Discharge estimation, (51) 237
Dissolution, (51) 89

Earthquakes, (51) 109
Engineering geology, (51) 109
Ettringite, (51) 257
Expansive soil, (51) 89

Faults, (51) 109
Flash flood, (51) 237
Fragmentary clay, (51) 77
Freezing, (51) 291
Frost action, (51) 291
Frost heaving, (51) 291
Frozen ground, (51) 291

Gassy ground, (51) 203
Geological hazards, (51) 195
Geological observations, (51) 55
Geophysics, (51) 109
Greece, (51) 65
Grouting, (51) 167
Gypsum lenses, (51) 131

Heave, (51) 257
Highways, (51) 37
Hong Kong, (51) 1, (51) 279
Human activity, (51) 1
Hydrogeological behaviour, (51) 225

Igneous rock, (51) 303
Index tests, (51) 303
Induced seismicity, (51) 65
Infiltration, (51) 279
Instrumentation, (51) 203

Karstification, (51) 167

Landfills, (51) 291
Landslide, (51) 167, (51) 195
Landslides, (51) 279
Lime, (51) 37, (51) 257

Mass movements, (51) 1
Mechanical properties, (51) 303
Metastable structure, (51) 77
Middle route project of environmental geology, (51) 153
Modeling, (51) 109

Permeability, (51) 291
Phase transformation, (51) 89
Protection administration, (51) 153

Rainfall, (51) 1, (51) 279
Rock mass rating (RMR), (51) 55
Runway, (51) 131

Sabkha, (51) 131
Salt, (51) 131
Seismicity and faulting, (51) 203
Slag, (51) 37, (51) 257
Slope stability, (51) 1
South–North water transfer (China), (51) 153
State transition, (51) 77

0013-7952/99/$ – see front matter © 1999 Elsevier Science B.V. All rights reserved.
PII: S0013-7952(99)00019-8

Sulphates, (51) 257
Support pattern, (51) 55
Swelling, (51) 257

Thermal conductivity, (51) 291
Tropical environment, (51) 1
Tunnel, (51) 55
Tunneling, (51) 203

Underground infrastructures, (51) 225

Watertightness, (51) 167